

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
11 March 2004 (11.03.2004)

PCT

(10) International Publication Number
WO 2004/021542 A1

(51) International Patent Classification⁷: **H02J 7/34**

(72) Inventors; and

(21) International Application Number:
PCT/AU2003/001117

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(22) International Filing Date: 29 August 2003 (29.08.2003)

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(25) Filing Language: English

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(26) Publication Language: English

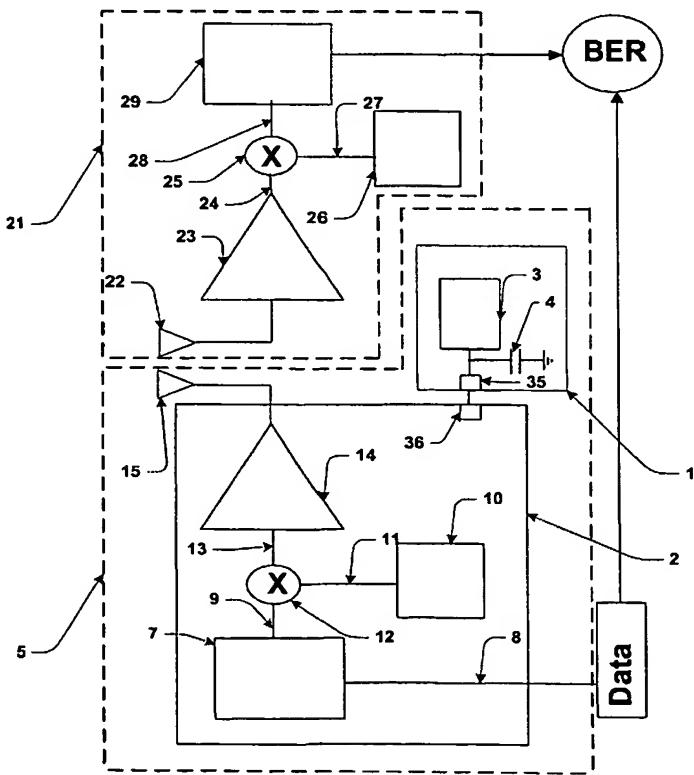
(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),

(30) Priority Data:
2002951109 29 August 2002 (29.08.2002) AU
2002951291 9 September 2002 (09.09.2002) AU
PCT/AU02/01762 23 December 2002 (23.12.2002) AU

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[Continued on next page]

(54) Title: A POWER SUPPLY FOR A COMMUNICATIONS MODULE THAT DEMANDS HIGH POWER DURING PREDETERMINED PERIODS



(57) Abstract: A power supply (1) is provided for a communications module, in the form of a cellular telephone GPRS module (2). This module demands high power during predetermined periods. Supply (1) includes a battery module (3) for providing module (2) with a supply voltage that, in this embodiment, is about 3.6 Volts. During the predetermined periods, module (3) provides a first current at a first voltage that is less than the supply voltage. A supercapacitive device, in the form of a single supercapacitor (4), is connected in parallel with module (3) for providing module (2) with, a second current during the predetermined periods such that first voltage is maintained above about 90 % of the supply voltage. That is, the first voltage is maintained above about 3.24 Volts.



Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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Declaration under Rule 4.17:

- *of inventorship (Rule 4.17(iv)) for US only*

Published:

- *with international search report*